Screening Use Cases

Version 1.1

Revision History

Date	Version	Description	Author
08/17/2005	1.0	Draft use case document for Screening Tool	
11/082005	1.1	Updated Screening Tool Name as well as the header and footer	

Table of Contents

Introduction

Use Cases

A use case defines a set of use-case instances, where each instance is a sequence of actions a system performs that yields an observable result of value to a particular actor.

Use Case Diagram

A use case diagram shows the relationships among actors and use cases within a system.

Actors

An actor is someone or something that interacts with the system.

Main Scenario

The Main Scenario is used to describe the expected and most typical flow of events the actor will navigate through. Use cases start when the actor does something. An actor always initiates use cases. The use case describes what the actor does and what the system does in response. The use case describes what happens inside the system, but not how or why.

Pre-conditions

A pre-condition of a use case is the state of the system that must be present prior to a use case being performed.

Alternate Flows

If it is possible for an actor to deviate from a normal flow of events, a use case will contain one or more alternate flows to describe potential system behavior. Alternate Flows eventually return back into the Main Scenario.

Post-conditions

A post-condition of a use case is a list of possible states the system can be in immediately after a use case has finished.
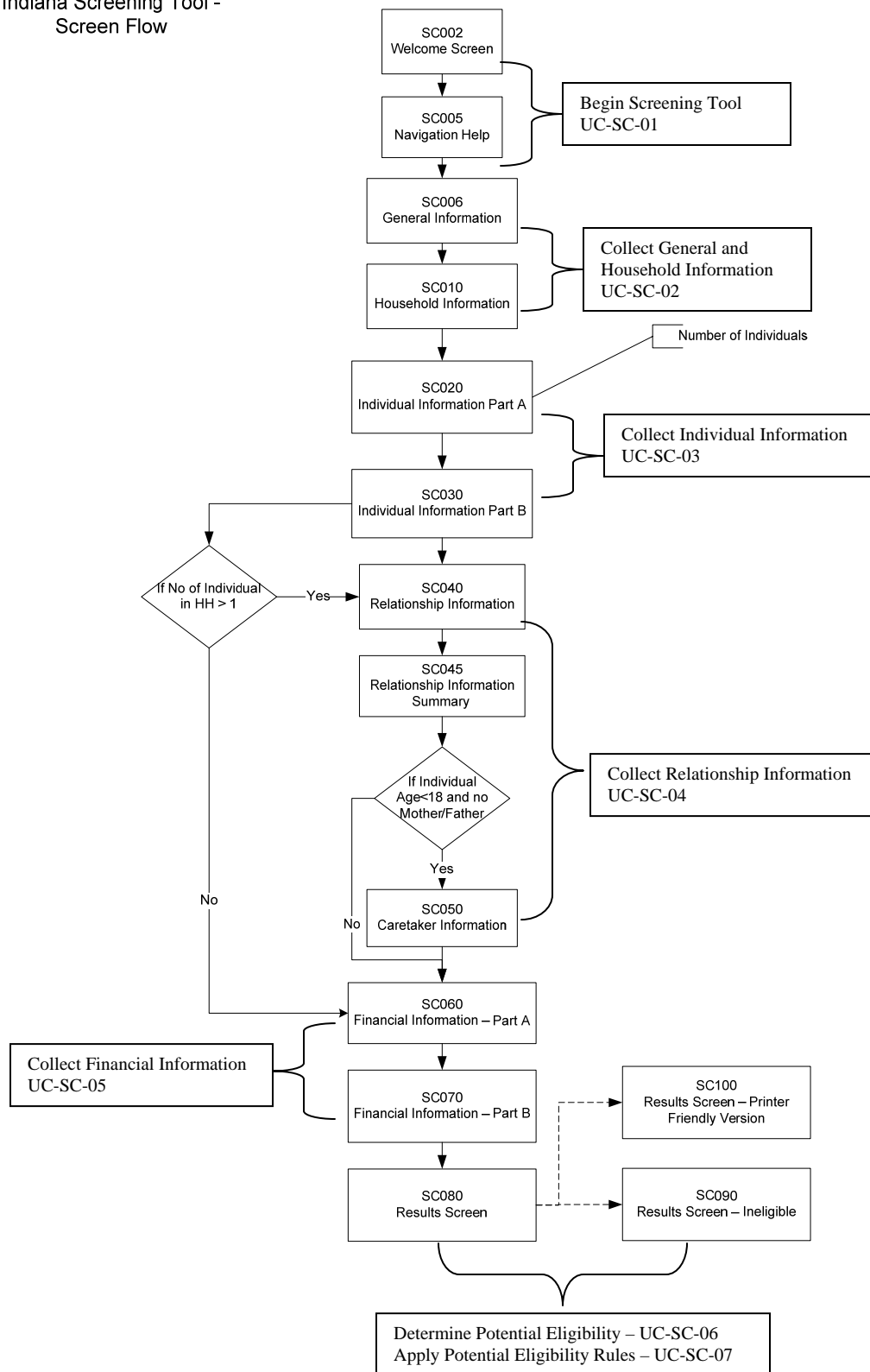
Exception Flows

It is also possible for an actor to deviate from a normal flow of events, and not return to the normal flow of actions documented in the Main Scenario. These instances are outlined in Exception Flows.

Screen Flow and Associated Use Cases

Indiana Screening Tool – Screen Flow

SC002
Welcome Screen

SC005
Navigation Help

Begin Screening Tool
UC-SC-01

SC006
General Information

SC010
Household Information

Collect General and
Household Information
UC-SC-02

Number of Individuals

SC020
Individual Information Part A

Collect Individual Information
UC-SC-03

SC030
Individual Information Part B

If No of Individual
in HH > 1 — Yes

SC040
Relationship Information

SC045
Relationship Information
Summary

If Individual
Age<18 and no
Mother/Father

Collect Relationship Information
UC-SC-04

Yes

No

No

SC050
Caretaker Information

SC060
Financial Information – Part A

Collect Financial Information
UC-SC-05

SC070
Financial Information – Part B

SC100
Results Screen – Printer
Friendly Version

SC080
Results Screen

SC090
Results Screen – Ineligible

Determine Potential Eligibility – UC-SC-06
Apply Potential Eligibility Rules – UC-SC-07

Detailed Use Cases

Begin Screening Tool UC-SC-01

The actor will have the ability to begin a Screening Survey and view information necessary to complete the potential eligibility determination.

Use Case Diagram
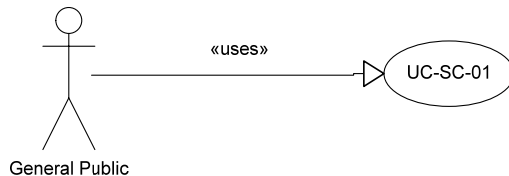
Actors

- General Public (includes providers, community based organizations)

Pre-Conditions

- Actor has access to the web.
- Actor may access Screening Tool from the following location(s) (www.XYZ.com)

Main Scenario

This flow describes initiating the Screening Survey and navigating to the information collecting pages.

1.) The actor navigates to the 'Welcome' page (SC002). The 'Welcome' page describes the screening process.

2.) Actor selects the 'Food Stamps' link to access more information at http://www.in.gov/fssa/families/stamps/index.html about the Food Stamps program. The web page displays as a pop-up window. Actor closes the window and continues with the screening tool.

3.) Actor selects the 'Cash Assistance' link to access more information at http://www.in.gov/fssa/families/tanf/index.html about the Cash Assistance/Temporary Assistance for Needy Families (TANF) program. The web page displays as a pop-up window. Actor closes the window and continues with the screening tool.

4.) Actor selects the 'Health Coverage' link to access more information at http://www.in.gov/fssa/servicedisabl/medicaid/elig.html about the Medicaid and Health Coverage programs. The web page displays as a pop-up window. Actor closes the window and continues with the screening tool.

5.) Actor selects the 'Proceed in English' button at the bottom of the page.

6.) System displays the 'Navigation Page' (SC005) which describes all of the information the actor will need to navigate through the screening tool.

7.) Actor has two choices that he/she can make:

    a. 'EXIT': Return to the 'Welcome Screen' page (SC002).

    b. 'NEXT': User proceeds to the next scheduled page (General Information SC006).

8.) Actor selects the 'NEXT' button at the bottom of the page.

9.) System displays the 'General Information' page (SC006).

10.) [Connect to UC-SC-02 Determine Potential Eligibility]

Alternate Flows

Alternate Flow #1

This flow describes initiating the Screening Survey in SPANISH and navigating to the information collecting pages.

1.) The actor navigates to the 'Welcome' page (SC002). The 'Welcome' page describes the screening process.

2.) Actor selects the 'Proceed in SPANISH' button at the bottom of the page.

3.) The System displays the Welcome Screen in SPANISH. All screens from this point forward will be displayed in SPANISH.

4.) Actor selects the 'Food Stamps' link to access more information at http://www.in.gov/fssa/families/stamps/index.html about the Food Stamps program. The web page displays as a pop-up window. Actor closes the window and continues with the screening tool.

5.) Actor selects the 'Cash Assistance' link to access more information at http://www.in.gov/fssa/families/tanf/index.html about the Cash Assistance/Temporary Assistance for Needy Families (TANF) program. The web page displays as a pop-up window. Actor closes the window and continues with the screening tool.

6.) Actor selects the 'Health Coverage' link to access more information at http://www.in.gov/fssa/servicedisabl/medicaid/elig.html about the Medicaid and Health Coverage programs. The web page displays as a pop-up window. Actor closes the window and continues with the screening tool.

7.) System displays the 'Navigation Page' (SC005) which describes all of the information the actor will need to navigate through the screening tool.

8.) Actor has two choices that he/she can make:

   a. 'EXIT': Return to the 'Welcome Screen' page (SC002).

   b. 'NEXT': User proceeds to the next scheduled page (General Information SC006).

9.) Actor selects the 'NEXT' button at the bottom of the page.

10.) System displays the 'General Information' page (SC006).

11.) [Connect to UC-SC-02 Determine Potential Eligibility]
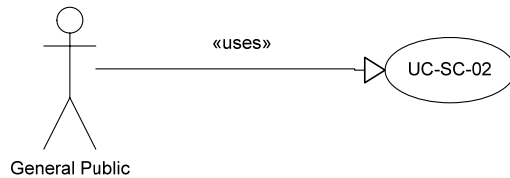

Post-Conditions

- The screening tool has been initiated and the actor has read the information necessary to navigate through the screening tool.
- The 'General Information' page (SC006) displays and the actor may choose to proceed through the screening tool to determine potential programs for which the client may be eligible.

Collect General and Household Information UC-SC-02

The actor will have the ability to initiate the screening process.

Use Case Diagram

Actors

- General Public (includes providers, community based organizations)

Pre-Conditions

- The screening tool has been initiated and the actor has read the information necessary to navigate through the screening tool.
- Actor has navigated to the 'General Information' page (SC006).

Main Scenario – Initial Selection

This flow describes completing questions on the 'General Information' page (SC006) and the 'Household Information' page (SC010) and navigating to the Individual Information Module.

[Connect from UC-SC-01 Begin Screening Tool]

1.) Actor uses controls (drop-down boxes) to answer both of the screening questions regarding who is using the screening tool and from where the tool is being accessed.

2.) Actor has four choices that he/she can make:

a. 'BACK': Return to 'Navigation Help' page. Responses are not retained.

b. 'EXIT': A pop-up window displays, indicating the user will lose all information if he/she chooses to proceed. Clicking 'OK' will take the actor back to the 'Welcome Screen' page (SC002) and all information previously entered will not be retained. Clicking 'CANCEL' will take the user back to the page he/she was on.

c. 'NEXT': User proceeds to next scheduled page (Household Information SC010).

d. Navigation Help: Actor selects the 'Navigation Help' link on the left-hand navigation bar. The 'Navigation Help' page displays as a pop-up window. Actor closes the window and continues with the screening tool.

3.) Actor selects 'NEXT'.

4.) The system displays the 'Household Information' page (SC010).

5.) Actor uses control (drop-down box) to answer the mandatory question 'Including you, how many people live in your home?' Actor selects more than one individual lives in the household.

6.) Actor has four choices that he/she can make:

a. 'BACK': Return to 'General Information' (SC006) page. Responses on SC010 are not retained.

b. 'EXIT': A pop-up window displays, indicating the user will lose all information if he/she chooses to proceed. Clicking 'OK' will take the actor back to the 'Welcome Screen' page (SC002) and all information previously entered will not be retained. Clicking 'CANCEL' will take the user back to the page he/she was on.

c. 'NEXT': User proceeds to next scheduled page (Individual Information – Part A SC020). All information entered on 'Household Information' page (SC010) is saved.

d. Actor selects the 'Navigation Help' link on the left-hand navigation bar. The 'Navigation Help' page displays as a pop-up window. Actor closes the window and continues with the screening tool.

7.) Actor selects 'NEXT'.

8.) The system displays the 'Individual Information' page (SC020).

9.) [Connect to UC-SC-03 Collect Individual Information]

Alternate Flows

Alternate Flow #1

This flow describes what will happen when the mandatory question on 'Household Information' page (SC010) is not answered.

1.) Refer to steps 1-4 in Main Scenario.

2.) Actor selects 'NEXT' without answering the mandatory question about how many individuals are in the household.

3.) System displays an error message indicating the user must answer the required field before navigating any further.

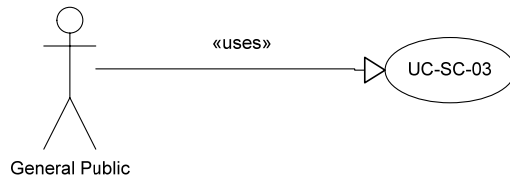4.) Return to Main Scenario Step 5.

Post-Conditions

- The screening process has been started and the actor has successfully navigated through the 'General Information' page (SC006) and the 'Household Information' page (SC010).
- The 'Individual Information' page (SC020) displays with the appropriate questions displayed dependent on the number of people entered on SC010.

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<u>**Collect Individual Information UC-SC-03**</u>

The actor will have the ability to enter individual information for all of the people in the household.

Use Case Diagram

Actors

- General Public (includes providers, community based organizations)

Pre-Conditions

- The screening process has been started and the actor has successfully navigated to the Individual Information module.
- The 'Individual Information – Part A' page (SC020) displays with the appropriate questions displayed dependent on the number of people entered on SC010.

Main Scenario

This flow describes completing questions in the Individual Information Module (pages SC020 and SC030), and navigating to the Relationship Module.

[Connect from Collect General and Household Information UC-SC-02]

1.) Actor uses controls (text boxes and radio buttons) to enter valid values for the mandatory Name, Age, and Sex fields regarding the individuals in the household.

2.) Actor has four choices that he/she can make:

    a. 'BACK': Return to 'Household Information' page (SC010). Responses are not retained.

    b. 'EXIT': A pop-up window displays, indicating the user will lose all information if he/she chooses to proceed. Clicking 'OK' will take the actor back to the 'Welcome Screen' page (SC002) and all information previously entered will not be retained. Clicking 'CANCEL' will take the user back to the page he/she was on.

    c. 'NEXT': User proceeds to next scheduled page (Individual Information – Part B SC030). All information entered on 'Individual Information – Part A' page (SC020) is saved.

    d. Navigation Help: Actor selects the 'Navigation Help' link on the left-hand navigation bar. The 'Navigation Help' page displays as a pop-up window. Actor closes the window and continues with the screening tool.

3.) Actor selects 'NEXT'.

4.) The system displays the 'Individual Information – Part B' page (SC030).

    a. *Note: Pregnancy questions only appear for female individuals who are older than 7**.

5.) Actor uses controls (text boxes and radio buttons) to enter valid values for the (optional) disability, blind, Medicare, and pregnancy questions displayed for each individual in the household.

6.) Actor has four choices that he/she can make:

    a. 'BACK': Return to 'Individual Information – Part A' page (SC020). Responses on SC030 are not retained.

    b. 'EXIT': A pop-up window displays, indicating the user will lose all information if he/she chooses to proceed. Clicking 'OK' will take the actor back to the 'Welcome Screen' page (SC002) and all information previously entered will not be retained. Clicking 'CANCEL' will take the user back to the page he/she was on.

    c. 'NEXT': User proceeds to next scheduled page. All information entered on ''Individual Information – Part B' (SC030) is saved.

    d. Navigation Help: Actor selects the 'Navigation Help' link on the left-hand navigation bar. The 'Navigation Help' page displays as a pop-up window. Actor closes the window and continues with the screening tool.

7.) Actor selects 'NEXT'.

8.) The system displays the 'Relationship Information' page (SC040).

9.) [Connect to UC-SC-04 Collect Relationship Information]

Alternate Flows

Alternate Flow #1

This flow describes not answering the mandatory questions of Name, Age, and/or Sex on the 'Individual Information – Part A' page (SC020).

1.) Actor selects 'NEXT' without answering one or more of the mandatory questions of Name, Age, and Sex for one or more of the individuals in the household.

2.) System displays an error message indicating the user must answer the appropriate required field(s) before navigating any further.

3.) Return to Main Scenario Step 1.

Alternate Flow #2

This flow describes answering an invalid response in the 'Age' field.

1.) Actor enters a non-numeric value in one or more of the 'Age' fields.

2.) Actor selects 'NEXT'.

3.) System displays an error message indicating the user must enter a numeric value in the 'Age' field(s).

4.) Return to Main Scenario Step 1.

Alternate Flow #3

This flow describes answering an invalid response in the 'Babies Expected' field.

1.) Refer to steps 1-4 in Main Scenario.

2.) Actor enters a non-numeric value in one or more of the 'Babies Expected' fields.

3.) Actor selects 'NEXT'.

4.) System displays an error message indicating the user must enter a numeric value in the 'Babies Expected' field(s).

5.) Return to Main Scenario Step 5.

Alternate Flow #4

This flow describes an actor answering the 'Babies Expected' field, without saying that the associated female is pregnant.

1.) Refer to steps 1-4 in Main Scenario.

2.) Actor does not indicate that one (or more) of the female individuals (age > 7) is pregnant, but enters a numeric value in the associated 'Babies Expected' field(s).

3.) Actor selects 'NEXT'.

4.) System displays an error message indicating the user must (1) indicate that the individual is pregnant, or (2) remove the value from the 'Babies Expected' field(s).

5.) Return to Main Scenario Step 5.

Alternate Flow #5

This flow describes an actor using the left hand navigation part on the 'Individual Information – Part A' page (SC020).

1.) Refer to step 1 in Main Scenario.

2.) Actor clicks on the 'Household Information' link on the left hand navigation bar.

3.) System displays Household Information page (SC010) with previously entered information. Information entered on SC020 is not retained.

4.) Actor updates information on SC010 as necessary and selects 'NEXT'.

5.) The system displays the 'Individual Information' page (SC020) with the questions displayed dependent on the number of people entered on SC010.

6.) Return to Main Scenario Step 1.

Alternate Flow #6

This flow describes an actor using the left hand navigation part on the 'Individual Information – Part B' page (SC030).

1.) Refer to step 1-5 in Main Scenario.

2.) Actor clicks on the 'Household Information' link on the left hand navigation bar.

3.) System displays Household Information page (SC010) with previously entered information. Information entered on SC030 is not retained.

4.) Actor updates information on SC010 as necessary and selects 'NEXT'.

5.) The system displays the 'Individual Information' page (SC020) with the questions displayed dependent on the number of people entered on SC010.

6.) Return to Main Scenario Step 1.

Post-Conditions

- The screening process has been started and the actor has successfully navigated to SC040.
- The Relationship Information Page (SC040) displays with the first individual entered displaying as the reference individual. If n = the number of individuals in the household, (n-1) relationship questions will display.

Exception Flows

This flow describes what will happen if there is only one individual in the household.

1.) Refer to steps 1-6 in Main Scenario.

2.) Actor selects 'NEXT'.

3.) The system displays the 'Financial Information' page (SC060).

4.) [Connect to UC-SC-05 Collect Financial Information]

Collect Relationship Information UC-SC-04

The actor will have the ability to enter relationship information for all of the people in the household.
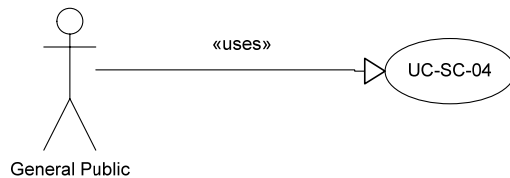
Use Case Diagram

Actors

- General Public (includes providers, community based organizations)

Pre-Conditions

- The screening process has been started and the actor has successfully navigated to SC040.
- The 'Relationship Information' page (SC040) displays with the first individual entered displaying as the reference individual. If n = the number of individuals in the household, (n-1) relationship questions will display on that page.
- Drop-down boxes displayed on Relationship Information page are gender-based (based upon the reference individual).
- There are at least 2 or more individuals in the household.

Main Scenario

This flow describes completing questions on the Relationship page(s), and navigating to the Financial Module.

[Connect from Collect Individual Information UC-SC-03]

1.) Actor uses controls (drop-down boxes) to enter valid relationship values for the first individual in the household.

2.) Actor has four choices that he/she can make:

    a. 'BACK': Return to 'Individual Information – Part B' page (SC030). Responses on SC040 are not retained.

    b. 'EXIT': A pop-up window displays, indicating the user will lose all information if he/she chooses to proceed. Clicking 'OK' will take the actor back to the 'Welcome Screen' page (SC002) and all information previously entered will not be retained. Clicking 'CANCEL' will take the user back to the page he/she was on.

    c. 'NEXT': User proceeds to next scheduled page. The information entered on 'Relationship Information' page (SC040) is saved.

    d. Navigation Help: Actor selects the 'Navigation Help' link on the left-hand navigation bar. The 'Navigation Help' page displays as a pop-up window. Actor closes the window and continues with the screening tool.

3.) Actor selects 'NEXT'.

4.) The system displays 'Relationship Summary' page (SC045). The Relationship Summary page will be read-only and will display all of the individuals and their relationships to everyone else in the household.

5.) Actor has four choices that he/she can make:

  a. 'BACK': Return to last 'Relationship Information' page (SC040).

  b. 'EXIT': A pop-up window displays, indicating the user will lose all information if he/she chooses to proceed. Clicking 'OK' will take the actor back to the 'Welcome Screen' page (SC002) and all information previously entered will not be retained. Clicking 'CANCEL' will take the user back to the page he/she was on.

  c. 'NEXT': User proceeds to next scheduled page.

  d. Navigation Help: Actor selects the 'Navigation Help' link on the left-hand navigation bar. The 'Navigation Help' page displays as a pop-up window. Actor closes the window and continues with the screening tool.

6.) Actor selects 'NEXT'.

7.) The system displays the 'Financial Information' page (SC060).

8.) [Connect to Collect Financial Information UC-SC-05]

Alternate Flows

Alternate Flow #1

This flow describes what happens when the household has more than two individuals.

1.) Refer to steps 1-3 in Main Scenario.

2.) The Relationship Information Page (SC040) displays with the next individual displaying as the reference individual. If n = the number of individuals in the household, (n-1) relationship questions will display on that page. Any relationships determined on previous Relationship Information pages will be pre-populated and cannot be changed. Drop-down boxes displayed on Relationship Information page are gender-based (based upon the reference individual).

  a. Note: This page is repeated (n-1) times for a household with n individuals.

3.) Actor has four choices that he/she can make:

  a. 'BACK': Return to previous 'Relationship Information' page (SC040). Responses are not retained.

  b. 'EXIT': A pop-up window displays, indicating the user will lose all information if he/she chooses to proceed. Clicking 'OK' will take the actor back to the 'Welcome Screen' page (SC002) and all information previously entered will not be retained. Clicking 'CANCEL' will take the user back to the page he/she was on.

  c. 'NEXT': User proceeds to next scheduled page. The information on the current 'Relationship Information' page (SC040) is saved.

  d. Navigation Help: Actor selects the 'Navigation Help' link on the left-hand navigation bar. The 'Navigation Help' page displays as a pop-up window. Actor closes the window and continues with the screening tool.

4.) Return to Main Scenario Step 3.

Alternate Flow #2

This flow describes what happens when the household has one or more individuals who are < 18 and who do not have at least one parent (mother or father) in the household.

1.) Refer to steps 1-6 in Main Scenario.

2.) The Caretaker Information Page (SC050) displays with each individual who is < 18 and does not have a parent, displaying as the reference individual.

3.) The actor answers the question of who takes care of the child, by selecting the radio button next to the appropriate adult, or by selecting the option of 'no one'.

    a. Note: Only individuals > 18 are displayed as possible caretakers.

    b. If the actor does not select a caretaker then the default is set to 'No one in the household'

4.) Actor has four choices that he/she can make:

    a. 'BACK': Return to 'Relationship Summary' page (SC045). Responses on SC050 are not retained.

    b. 'EXIT': A pop-up window displays, indicating the user will lose all information if he/she chooses to proceed. Clicking 'OK' will take the actor back to the 'Welcome Screen' page (SC002) and all information previously entered will not be retained. Clicking 'CANCEL' will take the user back to the page he/she was on.

    c. NEXT': User proceeds to next scheduled page. The information entered on 'Caretaker Information' page (SC050) is saved.

    d. Navigation Help: Actor selects the 'Navigation Help' link on the left-hand navigation bar. The 'Navigation Help' page displays as a pop-up window. Actor closes the window and continues with the screening tool.

5.) Return to Main Scenario Step 6.

Post-Conditions

- The actor has successfully navigated through the Relationship pages and to the 'Financial Information' page, SC060.
- The 'Financial Information' page (SC060) displays with all of the individuals and their associated stick figures for **Resources, Unearned Income,** and **Expenses** questions. Only individuals older than 18 years will be displayed for **Earned Income.**

Exception Flows

Exception Flow #1

This flow describes an actor using the 'Household Information' link on the left hand navigation part on the 'Relationship Information' page (SC040), 'Relationship Summary' page (SC045) or the 'Caretaker Information' page (SC050).

1.) Refer to step 1 in Main Scenario/Refer to steps 1-2 in Alternate Flow #1/Refer to steps 1-3 in Alternate Flow #2.

2.) Actor clicks on the 'Household Information' link on the left hand navigation bar.

3.) System displays Household Information page (SC010) with previously entered information. Information entered on the current page is not retained.

4.) Actor updates information on SC010 as necessary and selects 'NEXT'.

5.) [Connect to UC-SC-03, with any information entered previously pre-populated on to the page(s).]

Exception Flow #2

This flow describes an actor using the 'Individual Information' link on the left hand navigation part on the 'Relationship Information' page (SC040), 'Relationship Summary' page (SC045) or the 'Caretaker Information' page (SC050).

1.) Refer to step 1 in Main Scenario/Refer to steps 1-2 in Alternate Flow #1/Refer to steps 1-3 in Alternate Flow #2.

2.) Actor clicks on the 'Individual Information' link on the left hand navigation bar.

3.) System displays 'Individual Information – Part A' page (SC020) with previously entered information. Information entered on the current page is not retained.

4.) The system displays the 'Individual Information' page (SC020) with the information entered previously, pre-populated on to the page.

5.) [Connect to UC-SC-03, with any information entered previously pre-populated on to the page(s).]

Collect Financial Information UC-SC-05

The actor will have the ability to enter financial information for all of the people in the household.
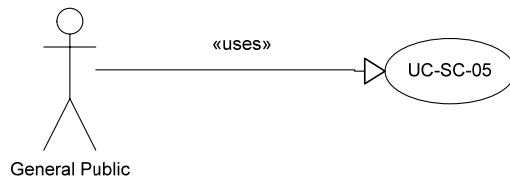
Use Case Diagram

Actors

- General Public (includes providers, community based organizations)

Pre-Conditions

- The actor has successfully navigated through the Relationship pages and to the 'Financial Information' page, SC060.
- The Financial Information Page (SC060) displays with all of the individuals and their associated stick figures for **Resources, Unearned Income,** and **Expenses** questions. Only individuals older than 18 years will be displayed for **Earned Income.**

Main Scenario

This flow describes completing questions on the Financial page(s), and navigating to the Results Module.

[Connect from Collect Individual Information UC-SC-03, Exception Flow #1]

[Connect from Collect Relationship Information UC-SC-04]

1.) Actor uses controls (check boxes) to enter at least one individual has **Resources.**

2.) Actor uses controls (check boxes) to enter at least one individual has **Earned Income.**

    a. **Note: Household must have at least one individual age >18 in order for this question to display.**

3.) Actor uses controls (check boxes) to enter at least one individual has **Unearned Income.**

4.) Actor uses controls (check boxes) to enter at least one individual has **Expenses.**

5.) Actor has four choices that he/she can make:

    a. 'BACK': Return to last relationship page displayed (either SC045 or SC050). Responses on SC060 are not retained.

    b. 'EXIT': A pop-up window displays, indicating the user will lose all information if he/she chooses to proceed. Clicking 'OK' will take the actor back to the 'Welcome Screen' page (SC002) and all information previously entered will not be retained. Clicking 'CANCEL' will take the user back to the page he/she was on.

    c. 'NEXT': User proceeds to next scheduled page (Financial Information Details SC070). All information entered on the 'Financial Information' page (SC060) is saved.

    d. Navigation Help: Actor selects the 'Navigation Help' link on the left-hand navigation bar. The 'Navigation Help' page displays as a pop-up window. Actor closes the window and continues with the screening tool.

6.) Actor selects 'NEXT'.

7.) The system displays 'Financial Information Details' page (SC070). The Financial Information Details page will display the individual(s) who indicated that he/she had **Resources, Earned Income, Unearned Income,** and/or **Expenses.**

8.) Actor uses controls (text boxes) to enter the dollar amount of the specific type of resources the individual(s) in the household receives.

9.) Actor uses controls (text boxes and drop-down boxes) to enter the dollar amount and frequency of the earned income the individual(s) in the household receives.

10.) Actor uses controls (text boxes) to enter the dollar amount of the specific type of unearned income the individual(s) in the household receives.

11.) Actor uses controls (text boxes) to enter the dollar amount of the medical bills the individual(s) in the household receives.

12.) Actor uses controls (text boxes and drop-down boxes) to enter expense information including: the dollar amount of the specific type of resources the individual(s) in the household receives, the monthly total of rent, and whether the household pays for utilities.

13.) Actor has four choices that he/she can make:

    a. 'BACK': Return to 'Financial Information' page (SC060). Responses are not retained.

    b. 'EXIT': A pop-up window displays, indicating the user will lose all information if he/she chooses to proceed. Clicking 'OK' will take the actor back to the 'Welcome Screen' page (SC002) and all information previously entered will not be retained. Clicking 'CANCEL' will take the user back to the page he/she was on.

    c. 'NEXT': User proceeds to next scheduled page. All information entered on the 'Financial Information Details' page (SC070) is saved.

    d. Navigation Help: Actor selects the 'Navigation Help' link on the left-hand navigation bar. The 'Navigation Help' page displays as a pop-up window. Actor closes the window and continues with the screening tool.

14.) Actor selects 'NEXT'.

15.) The system displays the 'Potential Eligibility Results' page (SC080).

16.) [Connect to Determine Potential Eligibility UC-SC-06]

Alternate Flows

Alternate Flow #1

This flow describes what will happen if **no one** in the household has Resources, Earned Income, Unearned Income, **and** Expenses.

1.) Actor does not select any of the check boxes to indicate that any of the individuals in the household have **Resources, Earned Income, Unearned Income,** or **Expenses.**

2.) Actor has four choices that he/she can make:

    a. 'BACK': Return to last relationship page displayed (either SC045 or SC050).

b. 'EXIT': A pop-up window displays, indicating the user will lose all information if he/she chooses to proceed. Clicking 'OK' will take the actor back to the 'Welcome Screen' page (SC002) and all information previously entered will not be retained. Clicking 'CANCEL' will take the user back to the page he/she was on.

c. 'NEXT': User proceeds to next scheduled page. All information entered on the 'Financial Information' page (SC60) is saved.

d. Navigation Help: Actor selects the 'Navigation Help' link on the left-hand navigation bar. The 'Navigation Help' page displays as a pop-up window. Actor closes the window and continues with the screening tool.

3.) Actor selects 'NEXT'.

4.) The system displays the 'Financial Information Details' page (SC070) with only two questions: the household level expense questions (rent and utilities).

5.) Actor uses controls (text boxes and drop-down box) to enter expense information including: the monthly total of rent, and whether the household pays for utilities.

6.) Return to Main Scenario Step 13.

Alternate Flow #2

This flow describes what will happen if the actor enters that no one in the household has **either** Resources, Earned Income, Unearned Income, **and/or** Expenses.

1.) Actor does not select a check box to indicate that any of the individuals in the household have either **Resources, Earned Income, Unearned Income,** or **Expenses.**

2.) Actor has four choices that he/she can make:

a. 'BACK': Return to last relationship page displayed (either SC045 or SC050).

b. 'EXIT': A pop-up window displays, indicating the user will lose all information if he/she chooses to proceed. Clicking 'OK' will take the actor back to the 'Welcome Screen' page (SC002) and all information previously entered will not be retained. Clicking 'CANCEL' will take the user back to the page he/she was on.

c. 'NEXT': User proceeds to next scheduled page.

d. Navigation Help: Actor selects the 'Navigation Help' link on the left-hand navigation bar. The 'Navigation Help' page displays as a pop-up window. Actor closes the window and continues with the screening tool.

3.) Actor selects 'NEXT'.

4.) The system displays 'Financial Information Details' page (SC070). The Financial Information Details page will display only the questions and the associated individual(s) who have indicated that he/she had Resources, Earned Income, Unearned Income, and/or Expenses. **(Detail questions will only display if at least one individual was marked as having that financial module.)**

a. For example, if no individuals were selected as having Resources, the Resource details question will not display.

5.) Actor uses controls (text boxes and drop-down boxes) to enter appropriate information.

6.) Return to Main Scenario Step 13.

Alternate Flow #3

This flow describes answering an invalid response in any of the dollar amount fields.

1.) Refer to steps 1-12 in Main Scenario.

2.) Actor enters a non-numeric value in one or more of the dollar amount fields for Resources, Earned Income, Unearned Income, and/or Expense fields.

3.) Actor selects 'NEXT'.

4.) System displays an error message indicating the user must enter a numeric value in the associated field(s).

5.) Return to Main Scenario Step 13.

Post-Conditions

- The actor has successfully navigated through the Financial Information pages and to the 'Potential Eligibility Results' page, SC080.

Exception Flows

Exception Flow #1

This flow describes an actor using the 'Household Information' link on the left hand navigation part on the 'Financial Information' page (SC060), or the 'Financial Information Details' page (SC070).

1.) Refer to steps 1-4 in Main Scenario/Refer to steps 7-12 in Main Scenario.

2.) Actor clicks on the 'Household Information' link on the left hand navigation bar.

3.) System displays Household Information page (SC010) with previously entered information. Information entered on the current page is not retained.

4.) Actor updates information on SC010 as necessary and selects 'NEXT'.

5.) [Connect to UC-SC-03, with any information entered previously pre-populated on to the page(s).]

Exception Flow #2

This flow describes an actor using the 'Individual Information' link on the left hand navigation part on the 'Financial Information' page (SC060), or the 'Financial Information Details' page (SC070).

1.) Refer to steps 1-4 in Main Scenario/Refer to steps 7-12 in Main Scenario.

2.) Actor clicks on the 'Individual Information' link on the left hand navigation bar.

3.) System displays 'Individual Information – Part A' page (SC020) with previously entered information. Information entered on the current page is not retained.

4.) [Connect to UC-SC-03, with any information entered previously pre-populated on to the page(s).]

Exception Flow #3

This flow describes an actor using the 'Relationship Information' link on the left hand navigation part on the 'Financial Information' page (SC060), or the 'Financial Information Details' page (SC070).

1.) Refer to steps 1-4 in Main Scenario/Refer to steps 7-12 in Main Scenario.

2.) Actor clicks on the 'Relationship Information' link on the left hand navigation bar.

3.) System displays 'Relationship Information' page (SC040) with previously entered information. Information entered on current page is not retained.

4.) [Connect to UC-SC-04, with any information entered previously pre-populated on to the page(s).]

Determine Potential Eligibility UC-SC-06

Use Case Diagram
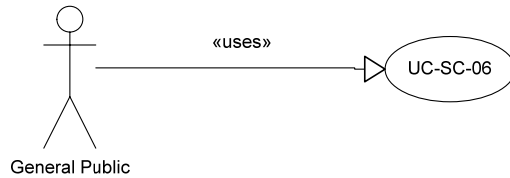
Actors

- General Public (includes providers, community based organizations)

Pre-Conditions

- The actor has successfully navigated through all modules in the screening tool.

Main Scenario

This flow describes Determining Potential Eligibility based on answers to the Screening Tool.

[Connect from UC-SC-05 Collect Financial Information]

1. System uses potential eligibility rules engine to evaluate data submitted via the Screening Tool.

2. System displays potential eligibility results listing programs, if any, for which the client and his/her household may be potentially eligible.

3. Actor may select link to print the Screening Results.

    a. System displays a pop-up window with a printer-friendly version of the Potential Eligibility results. The page displays with a 'print' icon on top of the page that allows the actor to easily print the page.

4. System displays next step information for the potential applicant, listing instructions for how the applicant should proceed if interested in any of the suggested programs.

5. Actor may select the 'Division of Family Resources' link to access more information at http://www.in.gov/fssa/children/dfc/directory/. The web page displays as a pop-up window. Actor closes the window and continues with the screening tool.

6. Actor may select the 'Application in English' link http://www.in.gov/icpr/webfile/formsdiv/30465.pdf. The web page displays as a pop-up window. Actor closes the window and continues with the screening tool.

7. Actor may select the 'Application in Spanish' link http://www.in.gov/icpr/webfile/formsdiv/48399.pdf. The web page displays as a pop-up window. Actor closes the window and continues with the screening tool.

8. Actor has three choices that he/she can make:

    a. 'EXIT': A pop-up window displays, indicating the user will lose all information if he/she chooses to proceed. Clicking 'OK' will take the actor back to the 'Welcome Screen' page (SC002) and all information previously entered will not be retained. Clicking 'CANCEL' will take the user back to the page he/she was on.

    b. 'BEGIN A NEW SCREENING SURVEY': User proceeds to the 'Welcome Screen' page (SC002).

    c. Navigation Help: Actor selects the 'Navigation Help' link on the left-hand navigation bar. The 'Navigation Help' page displays as a pop-up window. Actor closes the window and continues with the screening tool.

Alternate Flows

Alternate Flow #1

1. Refer to steps 1-3 of the Main Scenario.

2. Actor selects link to view programs they may not qualify for.

3. System displays a pop-up window displays listing the programs, if any, for which the client and his/her household may not be eligible for.

4. Actor may select the 'Division of Family Resources' link to access more information at http://www.in.gov/fssa/children/dfc/directory/. The web page displays as a pop-up window. Actor closes the window and continues with the screening tool.

5. Actor may select the 'Application in English' link http://www.in.gov/icpr/webfile/formsdiv/30465.pdf. The web page displays as a pop-up window. Actor closes the window and continues with the screening tool.

6. Actor may select the 'Application in Spanish' link http://www.in.gov/icpr/webfile/formsdiv/48399.pdf. The web page displays as a pop-up window. Actor closes the window and continues with the screening tool.

7. Actor may select the 'EXIT' button or close the window.

8. Return to Main Scenario Step 4.

Post-Conditions

- The actor has successfully viewed all programs for which the client may be eligible for.

Apply Potential Eligibility Rules UC-SC-07

The system uses the eligibility rules engine to evaluate data submitted via the Screening Tool to determine potential eligibility for the programs in-scope for this project.

Use Case Diagram
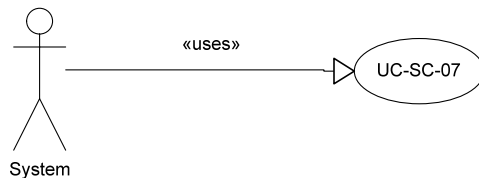
Actors

- System

Pre-Conditions

- The client has successfully navigated through all modules in the screening tool and submitted appropriate data.

Main Scenario

This flow describes applying eligibility rules to the information submitted in the Screening Tool.

1. System receives data collected through the Screening Tool.

2. System initiates calculations according to eligibility rules and the sequence prescribed by the eligibility decision trees for each program

3. System applies information to these rules and calculations and serves back a decision in the form of a pre-scripted answer that outlines the following information in printable document form:

    a. The determination of **potential eligibility** for each program.

    b. The individuals who **may be eligible** for each program.

    c. Additional information pertaining to each program.

4. System applies information to these rules and calculations and serves back a decision in the form of a pre-scripted answer that outlines the following information and can be accessed as a link from page SC080.

    a. The determination of **potential ineligibility** for each program.

    b. The individuals who **may not be** eligible for each program.

    c. Additional information pertaining to each program.

5. The system displays next steps information on how to apply to the programs for which the applicant is potentially eligible and not potentially eligible.

Post-Conditions

- The system has successfully displayed the potential eligibility/ineligibility results.